Application No. 10/781,489
Amendment dated January 8, 2007
Response to Final Office Action dated November 7, 2006

Amendments to the Claims:

1.   (Currently amended)   A computer-implemented method of automatically switching between computer-enabled input modes, comprising:

        providing a selection-based input mode selector, wherein the selection-based input mode selector is configured to instantiate a selection-based input mode for recognizing inputs from a selection-based input device;

        providing a pen-based input mode selector, wherein the pen-based input mode selector is configured to instantiate a pen-based input mode for recognizing pen inputs from a pen-based input device;

        providing an auto switch mode selector, wherein the auto switch mode selector is configured to instantiate an auto switch mode for enabling automatic switching between the selection-based input mode and the pen-based input mode;

        instantiating the selection-based input mode for the selection-based input device;

        actuating the auto switch mode selector to instantiate the auto switch mode;

        while in the auto switch mode, detecting a pen-use input from the pen-based input device; and

        in response to detecting the pen-use input from the pen-based input device, automatically switching from the selection-based input mode to the pen-based input mode without actuating the pen-based input mode selector.

        enabling a selection-based input mode whereby input is accepted via a selection-based input device;

        initiating use of a pen-based input device by detecting that the pen-based input device is proximal a screen; and

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~~in response to initiating use of a pen-based input device, automatically switching from the selection-based input mode to a pen-based input mode without~~ a ~~user input associated with an input mode button.~~

2.   (Currently amended) The <u>computer-implemented</u> method of Claim 1, further comprising <u>detecting a use-input from the selection-based input device</u> ~~initiating use of a selection-based input device by moving the selection-based input device~~; and

in response to ~~initiating use~~ <u>detecting a user-input</u> of a <u>the</u> selection-based input device, automatically switching from the pen-based input mode back to the selection-based input mode without <u>actuating the selection-based input mode selector</u> ~~a user input associated with an input mode button~~.

3.   (Currently amended) The <u>computer-implemented</u> method of Claim [2]<u>1</u>, prior to ~~enabling~~ instantiating a <u>the</u> selection-based input mode, <u>actuating the auto switch mode selector to instantiate the auto switch mode</u> ~~selecting an automatic input-switching mode~~.

4.   (Currently amended) The <u>computer-implemented</u> method of Claim [2]<u>1</u>, whereby the selection-based input device is a mousing device.

5.   (Currently amended) The <u>computer-implemented</u> method of Claim [2]<u>1</u>, whereby the selection-based input device is a keyboard.

6.   (Currently amended) The <u>computer-implemented</u> method of Claim 1, further comprising latching the selection-based input device<u>, by actuating the pen-based input selector,</u> so that the selection-based input device behaves as a pen-based input device.

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7.   (Currently amended) The computer-implemented method of Claim 6, whereby while the selection-based input device is latched for behavior as a pen-based input device, using the selection-based input device as a pen-based input device.

8.   (Currently amended) The computer-implemented method of Claim 7, further comprising detecting a use-input from the pen-based input device initiating use of the pen-based input device; and

in response to initiating use detecting the use-input of the pen-based input device, automatically unlatching the selection-based input device from behaving as a pen-based input device without actuating the pen based input mode selector.

9.   (Currently amended) The computer-implemented method of Claim 8, whereby initiating use the use-input of the pen-based input device includes movement of the pen-based input device whereby said pen-based input device is operative to input data when the pen-based input device is engaged with a computer-enabled display screen operative to receive input from the pen-based input device.

10.   (Currently amended) The computer-implemented method of Claim 1, further comprising latching the pen-based input device, by actuating the selector-based input mode selector, so that the pen-based input device behaves as a selection-based input device.

11.   (Currently amended) The computer-implemented method of Claim 10, whereby while the pen-based input device is latched for behavior as a selection-based input device, using the pen-based input device as a selection-based input device.

12.   (Currently amended) The computer-implemented method of Claim 11, further comprising detecting an input from the selection-based input device initiating use of the selection-based input device; and

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in response to ~~initiating use~~ detecting the input of the selection-based input device, automatically unlatching the pen-based input device from behaving as a selection-based input device without actuating the selection-based input mode selector.

13.   (Currently amended) The computer-implemented method of Claim 12, whereby ~~initiating use of~~ detecting an input from the selection-based input device includes moving a mousing device.

14.   (Currently amended) The computer-implemented method of Claim 12, whereby ~~initiating use of~~ detecting an input from the selection-based input device includes selecting a keyboard key.

15.   (Currently amended) A computer-readable storage medium having computer executable instructions for automatically switching between computer-enabled input modes, the instructions comprising:

providing a mouse-based input mode selector, wherein the mouse-based input mode selector is configured to instantiate a mouse-based input mode for recognizing inputs from a mousing device;

providing a pen-based input mode selector, wherein the pen-based input mode selector is configured to instantiate a pen-based input mode for recognizing pen inputs from a pen-based input device;

providing an auto switch mode selector, wherein the auto switch mode selector is configured to instantiate an auto switch mode for enabling automatic switching between the selection-based input mode and the pen-based input mode;

instantiating an initial input mode for an initial input device;

actuating the auto switch mode selector to instantiate the auto switch mode;

while in the auto switch mode, detecting a pen-use input from the pen-based input device;

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in response to detecting the pen-use input from the pen-based input device, automatically switching from the initial input mode to the pen-based input mode without actuating the pen-based input mode selector.

while in the auto switch mode, detecting a mouse-use input from the mousing device; and

in response to detecting the mouse-use input from the mousing device, automatically switching from the pen-based input mode to the mouse-based input mode without actuating the mouse-based input mode selector.

~~enabling a selection-based input mode whereby input is accepted via a selection-based input device;~~

~~initiating use of a computer enabled electronic pen when the electronic pen is engaged with a computer-enabled display screen operative to receive input from the electronic pen;~~

~~in response to initiating use of the computer enabled electronic pen, automatically switching from the selection-based input mode to a pen-based input mode without a user input associated with an input mode button;~~

~~initiating use of a mousing device by moving the mousing device; and~~

~~in response to initiating use of the mousing device, automatically switching from the pen-based input mode to the selection-based input mode without a user input associated with an input mode button.~~

16.   (Currently amended) The ~~method~~ computer readable storage medium of Claim 15, whereby the ~~selection-based~~ initial input device is a ~~the~~ mousing device.

17.   (Currently amended) The ~~method~~ computer readable storage medium of Claim 15, whereby the ~~selection-based~~ initial input device is a keyboard.

18.   (Currently amended) A computer-implemented method of automatically switching between computer-enabled input modes, comprising:

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providing a selection-based input mode selector, wherein the selection-based input mode selector is configured to instantiate a selection-based input mode for recognizing inputs from a selection-based input device;

providing a pen-based input mode selector, wherein the pen-based input mode selector is configured to instantiate a pen-based input mode for recognizing pen inputs from a pen-based input device;

providing an auto switch mode selector, wherein the auto switch mode selector is configured to instantiate an auto switch mode for enabling automatic switching between the selection-based input mode and the pen-based input mode;

instantiating the selection-based input mode for the selection-based input device;

actuating the auto switch mode selector to instantiate the auto switch mode;

while in the auto switch mode, detecting a pen-use input from the pen-based input device;

in response to detecting the pen-use input from the pen-based input device, automatically switching from the selection-based input mode to the pen-based input mode without actuating the pen-based input mode selector;

while in the auto switch mode, detecting a use-input from the selection-based input device;

in response to detecting the use-input of the selection-based input device, automatically switching from the pen-based input mode back to the selection-based input mode without actuating the selection-based input mode selector;

latching the selection-based input device, by actuating the pen-based input selector, so that the selection-based input device behaves as a pen-based input device;

detecting another use-input from the pen-based input device;

in response to detecting the another use-input of the pen-based input device, automatically unlatching the selection-based input device from behaving as a pen-based input device without actuating the pen based input mode selector;

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latching the pen-based input device, by actuating the selector-based input mode selector, so that the pen-based input device behaves as a selection-based input device;

detecting another use-input from the selection-based input device; and

in response to detection the another use-input from the selection-based input device, automatically unlatching the pen-based input device from behaving as a selection-based input device without actuating the selection-based input mode selector.

~~enabling a selection-based-input mode whereby input is accepted via a selection-based input device;~~

~~initiating use of a pen-based input device by detecting an engagement with a computer-enabled display screen;~~

~~in response to initiating use of a pen-based input device, automatically switching from the selection-based input mode to a pen-based input mode without a user input associated with an input mode button;~~

~~initiating use of a selection-based input device by detecting a movement of the selection-based input device;~~

~~in response to initiating use of a selection-based input device, automatically switching from the pen-based input mode back to the selection-based input mode without a user input associated with an input mode button;~~

~~latching the selection-based input device so that the selection-based input device behaves as a pen-based input device;~~

~~initiating use of the pen-based input device, and in response to initiating use of the pen-based input device, automatically unlatching the selection-based input device from behaving as a pen-based input device;~~

~~latching the pen-based input device so that the pen-based input device behaves as a selection-based input device;~~

~~initiating use of the selection-based input device; and~~

~~in response to initiating use of the selection-based input device, automatically unlatching the pen-based input device from behaving as a selection-based input device.~~

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19.   (Currently amended) The computer-implemented method of Claim 18, whereby initiating use of the selection-based input device includes moving a mousing device.

20.   (Currently amended) The computer-implemented method of Claim 18, whereby initiating use of the selection-based input device includes selecting a keyboard key.